

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Tsuyoshi KANEKO

Application No.: New U.S. Application

Filed: May 21 2004

Docket No.: 119593

For: BUMP STRUCTURE AND METHOD OF MANUFACTURING THE SAME, AND  
MOUNTING STRUCTURE FOR IC CHIP AND CIRCUIT BOARD

INFORMATION DISCLOSURE STATEMENT

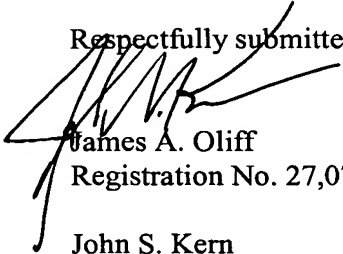
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language references 1-3 is discussed in the present specification.
- ☒ 3. English-language Abstracts of the non-English language references 1-3 are attached hereto.
- ☒ 4. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 1 and 2.

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

John S. Kern  
Registration No. 42,719

JAO:JSK/mllo  
Date: May 21, 2004

**OLIFF & BERRIDGE, PLC**  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400

|                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| DEPOSIT ACCOUNT USE<br>AUTHORIZATION<br>Please grant any extension<br>necessary for entry;<br>Charge any fee due to our<br>Deposit Account No. 15-0461 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------|-----------|---------------------------------|-----------------|-----------------------------------------|--|
| Form PTO-1449<br>(REV. 8-83)                                                                                                                                                                                                                |    | US Dept. of Commerce<br>PATENT & TRADEMARK OFFICE |           | ATTY DOCKET NO.<br>119593       |                 | APPLICATION NO.<br>New U.S. Application |  |
| INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary)                                                                                                                                                                   |    |                                                   |           | APPLICANT(S)<br>Tsuyoshi KANEKO |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           | FILING DATE<br>May 21, 2004     |                 | GROUP                                   |  |
| U.S. PATENT DOCUMENTS                                                                                                                                                                                                                       |    |                                                   |           |                                 |                 |                                         |  |
| EXAMINER<br>INITIAL                                                                                                                                                                                                                         |    | DOCUMENT NUMBER                                   | DATE      | NAME                            | CLASS           | SUB<br>CLASS                            |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
| FOREIGN PATENT DOCUMENTS                                                                                                                                                                                                                    |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    | DOCUMENT NUMBER                                   | DATE      | COUNTRY                         | CLASS           | SUB<br>CLASS                            |  |
|                                                                                                                                                                                                                                             | 1. | JP A 5-6893 w/abstract & transl.                  | 1/14/1993 | JAPAN                           |                 |                                         |  |
|                                                                                                                                                                                                                                             | 2. | JP A 5-47768 w/abstract & transl.                 | 2/26/1993 | JAPAN                           |                 |                                         |  |
|                                                                                                                                                                                                                                             | 3. | JP A3-60036 w/abstract                            | 3/15/1991 | JAPAN                           |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)                                                                                                                                                                      |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
|                                                                                                                                                                                                                                             |    |                                                   |           |                                 |                 |                                         |  |
| EXAMINER                                                                                                                                                                                                                                    |    |                                                   |           |                                 | DATE CONSIDERED |                                         |  |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |    |                                                   |           |                                 |                 |                                         |  |

Date: May 21, 2004